

Converting Colors

XYZ(47.0538, 39.5351, 25.2297)

Have a look what the booklet for
XYZ(47.0538, 39.5351, 25.2297)
contains.

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Color

**XYZ(47.0538, 39.5351,
25.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	E6947F
RGB	230, 148, 127
RGB Percent	90%, 58%, 50%
CMY	0.0980, 0.4196, 0.5020
CMYK	0.00, 0.36, 0.45, 0.10
HSL	12°, 67%, 70%
HSV	12°, 45%, 90%
XYZ	47.0538, 39.5351, 25.2297
YIQ	170.1240, 55.6130, 10.8530

Conversions

Conversions Part 2

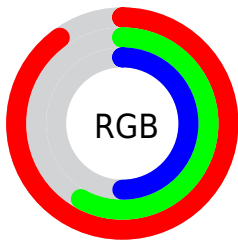
Format	Color
R_{YB}	230, 153, 127
Decimal	15111295
CIE _{Lab}	69.14, 28.57, 23.95
CIE _{LCh}	69, 37.277, 39.970
Yxy	39.5351, 0.4208, 0.3536
Android (android.graphics.Color)	4293301375 (0xFFE6947F)
YUV	170.1240, -21.2601, 52.5113
Hunter-Lab	62.8769, 23.5454, 20.2234

Details

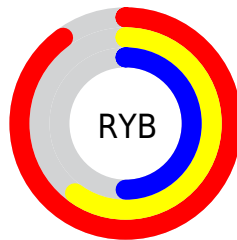
The XYZ color **47.0538, 39.5351, 25.2297** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.8347, 55.8237, 83.2221**, and the grayscale version is **38.3545, 40.3519, 43.9433**.

A 20% lighter version of the original color is **70.8342, 67.2672, 52.4305**, and **22.5713, 17.6865, 9.4319** is the 20% darker color. If you saturate the color by 10%, you get **43.0742, 33.7072, 17.3329**, and if you desaturate by 10%, it is **51.8319, 46.4124, 35.0813**.

Distribution



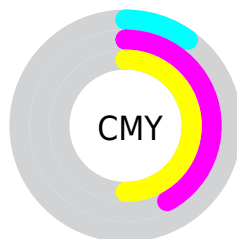
- Red (90%)
- Green (58%)
- Blue (50%)



- Red (90%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0538, 39.5351, 25.2297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.0538, 39.5351, 25.2297 by changing the saturation by 10% instead.

47.0538, 39.5351,
25.2297

47.0538, 39.5351,
25.2297

365.6746,
344.1602, 292.4641

33.2863, 27.1763,
16.0277

85.0122, 74.4551,
52.9984

22.5062, 17.7056,
9.3892

109.9338, 97.7850,
72.4021

14.3480, 10.7389,
4.8956

139.3041,
125.5407, 96.0435

8.4464, 5.8915,
2.1285

173.4886,
158.1066, 124.3410

4.4361, 2.7792,
0.6326

212.8525,
195.8671, 157.7134

1.9517, 1.0176,
0.0000

257.7612,

0.6066, 0.0000,

239.2066, 196.5790

0.0000

308.5801,
288.5095, 241.3564

■ 0.0000, 0.0000,
0.0000

■ 47.0538, 39.5351,
25.2297

■ 47.0538, 39.5351,
25.2297

■ 43.0742, 33.7072,
17.3329

■ 51.8319, 46.4124,
35.0813

■ 39.8451, 28.8706,
11.2574

■ 57.4467, 54.3814,
47.0047

■ 37.3180, 24.9708,
6.8561

■ 63.9375, 63.4896,
61.1101

■ 35.4368, 21.9451,
3.9583

■ 71.3404, 73.7794,
77.4995

■ 34.1359, 19.7225,
2.3555

■ 79.6891, 85.2916,
96.2682

■ 33.6458, 18.8484,
1.8648

■ 86.4431, 95.5630,
108.4972

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.0211, 39.5351, 37.6151



47.0538, 39.5351, 25.2297



41.6371, 39.5351, 19.0021

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0538, 39.5351, 25.2297



27.8125, 39.5351, 32.7629



39.5945, 39.5351, 84.0992

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.0538, 39.5351, 25.2297



45.8347, 55.8237, 83.2221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.7896, 39.5351, 81.7945



47.0538, 39.5351, 25.2297



27.3894, 39.5351, 48.9782

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0538, 39.5351, 25.2297



30.6904, 39.5351, 22.4876



29.4664, 39.5351, 67.7378



45.4234, 39.5351, 73.3896

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0538, 39.5351, 25.2297



37.5829, 39.5351, 17.8751



29.4664, 39.5351, 67.7378



37.5709, 39.5351, 84.8755

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.0548, 39.5371, 25.2305



82.3163, 82.3492, 80.5583



51.7808, 36.6253, 64.9219



17.1990, 17.0399, 16.3201



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0548, 39.5371, 25.2305



54.6524, 42.9191, 22.3260



56.9104, 59.2483, 28.5157



14.6139, 14.8416, 14.9989



19.1182, 10.8105, 1.0790



1.4781, 0.9296, 0.1015

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.8347, 55.8237, 83.2221



52.8732, 65.9162, 104.5441



35.2454, 34.6452, 79.6923



14.5448, 15.8109, 18.4296



17.7737, 22.6096, 45.8105



1.3767, 1.7973, 3.4063

Previews

White Background



This preview shows how the XYZ color 47.0538, 39.5351, 25.2297 looks on a white background.

Color Contrast Check

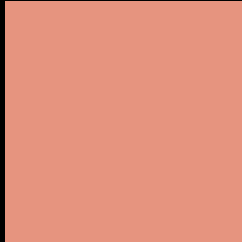
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.0538, 39.5351, 25.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0538, 39.5351, 25.2297

Background



This preview shows how black text looks on a background with the XYZ color 47.0538, 39.5351, 25.2297.



This preview shows how white text looks on a background with the XYZ color 47.0538, 39.5351,

25.2297.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.0538, 39.5351, 25.2297

Protanopia

37.2937, 39.7658, 29.3769

Deuteranopia

40.3778, 39.5753, 24.5794



Tritanopia

49.1684, 39.4689, 36.0371

Trichromacy



Original Color

47.0538, 39.5351, 25.2297

Protanomaly

40.2672, 39.1890, 27.6322

Deuteranomaly

42.6226, 39.4435, 24.7689

Tritanomaly

48.1912, 39.2841, 31.8307

Monochromacy



Original Color

47.0538, 39.5351, 25.2297

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4913, 39.3802, 36.0389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0538, 39.5351, 25.2297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 148, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 148, 127) }
```

Border

The CSS property to change the border of an element to XYZ 47.0538, 39.5351, 25.2297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 148, 127) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 148, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 148, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 148, 127); box-shadow:4px 4px 4px 4px rgb(230, 148, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0538, 39.5351, 25.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 148, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
148, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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